Docket No.: 50229-419 **PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Customer Number: 20277

Joseph CHAPPELL, et al. : Confirmation Number:

Serial No.: Continuation of Appl. No.

09/576,057 : Group Art Unit:

Filed: November 21, 2003 : Examiner:

For: CHIMERIC ISOPRENOID SYNTHASES AND USES THEREOF

INFORMATION DISCLOSURE STATEMENT

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

In accordance with the provisions of 37 C.F.R. 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached form PTO-1449. It is respectfully requested that the references be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is being filed within three months of the U.S. filing date OR before the mailing date of a first Office Action on the merits. No certification or fee is required.

The references were cited by or submitted to the U.S. Patent and Trademark Office in parent U.S. application Serial No. 09/576,057, filed May 23, 2000, U.S. application Serial No.

Serial No.: Continuation of Appl. No.

09/514,513, filed February 28, 2000, U.S. Application Serial No. 09/134,699, filed August 14, 1998, and U.S. Application Serial No. 08/631,341, filed April 12, 1996 which are relied upon for an earlier filing date under 35 USC 120. Thus, copies of these references are not attached. 37 CFR 1.98(d).

Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account 500417 and please credit any excess fees to such deposit account.

Respectfully submitted,

MCDERMOTT, WILL & EMERY

Judith L. Toffenetti Registration No. 39,048

600 13th Street, N.W. Washington, DC 20005-3096 (202) 756-8000 JLT:prg

Facsimile: (202) 756-8087 **Date: November 21, 2003**

Sheet ___1__ of __6_ SUBSTITUTE FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE Attorney Docket No. 50229-419 PATENT AND TRADEMARK OFFICE (MODIFIED) Serial No. Cont. of 09/576,057 Joseph Chappell et al. Applicant INFORMATION DISCLOSURE Filing Date Nov. 21, 2003 STATEMENT BY APPLICANT (Use several sheets if necessary) Group **IDS Filed** (37 CFR §1.98(b)) FOREIGN PATENT OR PUBLISHED FOREIGN PATENT APPLICATION Country or Class Subclass Translation Publication Document Examiner's (Yes/No) Patent Office Initials Number Date PCT 10/13/94 WO 94/22304 PCT WO 95/11913 05/04/95 OTHER DOCUMENTS (INCLUDING AUTHOR, TITLE, DATE, PLACE OF PUBLICATION) Alonso et al., "Purification of 4S-Limonene Synthase, a Monoterpene Cyclase from the Glandular Trichomes of peppermint (Mentha x piperita) and Spearmint (Mentha spicata)," J. Biol. Chem. 267:7582-7587 (1992) Anke and Sterner, "Comparison of the Antimicrobial and Cytotoxic Activities of Twenty Unsaturated Sesquiterpene Dialdehydes from Plants and Mushrooms," Planta Med. 57:344-346 (1991) Ave et al., "Aphid repellent sesquiterpenes in glandular trichomes of Solanum berthaultii and S. tuberosum," Entomologia Experimentalis et Applicata 44:131-138 (1987) Back et al., "Expression of a Plant Sesquiterpene Cyclase Gene in Escherichia coli," Arch. Biochem. Biophys. 315:527-532 (1994) Back et al. "Cloning and Bacterial Expression of a Sesquiterpene Cyclase from Hyoscyamus muticus and Its Molecular Comparison to Related Terpene Cyclases," J. Biol. Chem. 270:7375-7381 (1995) Barnby et al. "Effects of Azadirachtin on Levels of Ecdysteroids and Prothoracicotropic Hormone-Like Activity in Heliothis Virescens (Fabr.) Larvae," J. Insect. Physiol. 36:125-131 (1990) Borman, "Scientists Mobilize to Increase Supply of Anticancer Drug Taxol," Chemical & Engineering News 11-18 (1991) Bowers et al., "Sesquiterpene Progenitor, Germacrene A: An Alarm Pheromone in Aphids." Science 196:680-681 (1977) DATE CONSIDERED **EXAMINER** EXAMINER: Initial citation considered. Draw line through citation if not in conformance and not considered. Include copy of this

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